

SHEET 1 OF 1

Form PTO-1449 (modified)

**INFORMATION DISCLOSURE  
CITATION IN AN APPLICATION**  
(Use Several Sheets If Necessary)

Docket No.: 42701-1001

Application No.: 09/700,159

Applicant: Seung-Ho TAK

Filing Date: January 9, 2001

Group Art Unit: 2131

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
70	5,590,179	12/31/1996	Shincovich et al.	—	—	

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APR 09 2001  
Technology Center 2100**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
70	GB 2 324 610	10/28/1998	United Kingdom	—	—		NO
70	GB 2 295 681	06/05/1996	United Kingdom	—	—		NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER

70, Zachary Davis

DATE CONSIDERED

5/12/05

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(2/92 PTO)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Complete if Known**

Application Number	09/700,159
Filing Date	January 9, 200
First Named Inventor	Seung-Ho TAK
Art Unit	2132
Examiner Name	Gilberto Barron
Attorney Docket Number	30781-1

Sheet	1	of	2
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## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
BO		US- 4,731,575	03-15-1988	Sloan	
BO		US- 4,803,632	02-07-1989	Frew et al.	
		US-			
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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (# known)	MM-DD-YYYY			
20		JP 04-176697 A	06-24-1992	Toshiba Corp.		*
20		JP 06-268777 A	09-22-1994	France Telecom		*
20		WO 96/21264 A2	07-11-1996	Teco Energy Management Services Corp.		

**Examiner  
Signature**

Date \_\_\_\_\_

**Considered**

5/12/05

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\*English language abstract attached.



PTO/SB/088 (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

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Examiner Name	Gilberto Barron
Attorney Docket Number	30781-1

Sheet	2	of	2
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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
24		CASA et al., "Energy Supply, New Services and Business Opportunities", Metering and Tariffs for Energy Supply, 3-5 July 1996, Conference Publication No. 426, Pgs. 50-54	
20		ECONOMAKOS et al., "A Customer Account Management System for the Medium and Low Voltage Network", Metering and Tariffs for Energy Supply, 3-5 July 1996, Conference Publication No. 426, Pgs. 129-132b	
20		WOODSIDE et al., "A Multi Application Contactless Smart Card Applied to Metering"	

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Examiner Signature		Date Considered	5/12/05
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